

ABSTRACT

Through creation of a detailed linkage map of barley and QTL analysis thereof, there have been found five genetic markers linked to gene locus involved in barley resistance to yellow mosaic disease and situated on barley 1H chromosome, two genetic markers linked to gene locus involved in barley resistance to yellow mosaic disease and situated on barley 2H chromosome, five genetic markers linked to gene locus involved in barley resistance to yellow mosaic disease and situated on barley 3H chromosome, four genetic markers linked to gene locus involved in barley resistance to yellow mosaic disease and situated on barley 4H chromosome, and two genetic markers linked to gene locus involved in barley resistance to yellow mosaic disease and situated on barley 5H chromosome.